

## Mouse Monoclonal Antibody to BTN2A2

<b>Catalogue Number</b>	sAP-1732
<b>Target Molecule</b>	<b>Name:</b> <b>BTN2A2</b> <b>Aliases:</b> BTF2; BT2.2; BTN2.2 <b>MW:</b> <b>59kDa</b> <b>Entrez Gene ID: 10385</b>
<b>Description</b>	Butyrophilin is the major protein associated with fat droplets in the milk. This gene is a member of the BTN2 subfamily of genes, which encode proteins belonging to the butyrophilin protein family. The gene is located in a cluster on chromosome 6, consisting of seven genes belonging to the expanding B7/butyrophilin-like group, a subset of the immunoglobulin gene superfamily. The encoded protein is a type I receptor glycoprotein involved in lipid, fatty-acid and sterol metabolism. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene.
<b>Immunogen</b>	Purified recombinant fragment of human BTN2A2 (AA: extra 57-237) expressed in E. Coli.
<b>Reactive Species</b>	Human;
<b>Clone</b>	MM6C7D2
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; ICC: N to A; FCM: 1 to 200 - 1 to 400; IHC: 1 to 200 - 1 to 1000
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1.J Exp Med. 2016 Feb 8;213(2):177-87.2.Proteomics. 2002 Jul;2(7):850-6.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**